

AF400R ... AF750R 3-pole reversing contactors

350 to 600 hp at 480 V AC

AC / DC operated

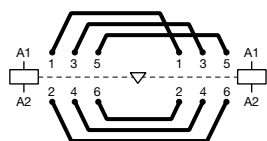
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AF460R-30-11

Description

- AF400R ... AF750R reversing contactors are mainly used for directionally controlling 3-phase motor circuits up to 690V AC. These devices include two 3-pole contactors, a mechanical interlock, side-mounted auxiliary contacts for electrical interlocking, power bus (see diagram to the left), and are mounted on a back-plate.
- **Note: for mechanically and electrically interlocked devices without power bus, replace the R in the catalog number with an M (ie. AF400R-30-22-70 becomes AF400M-30-22-70).**
- Control circuit: AC or DC operated with electronic coil interface accepting a wide control voltage
- Range (e.g. 100...250 V AC and DC), only 4 control voltage ranges covering 24...500V 50/60 Hz and 20...500 V DC
 - can manage large control voltage variations
 - reduced panel energy consumption
 - very distinct closing and opening
 - can withstand short voltage dips and voltage sags (SEMI F47-0706 conditions of use on request).
- Built-in surge suppression
- Add-on auxiliary contact blocks for side mounting and a wide range of accessories.



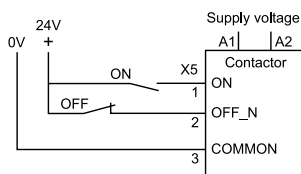
Power bus diagram

Ordering details

IEC Rated operational power	UL/CSA 3-phase motor rating 480 V	General use rating 600 V AC	Rated control circuit voltage Uc min. ... Uc max.		Auxiliary contacts fitted	Catalog number	Global reference code (2)	Weight Pkg (1 pce) kg (3)
			V 50/60 Hz	V DC				
400 V AC-3 kW	AC-1 current $\theta \leq 40^\circ\text{C}$ A	hp	A	-	24...60 (1)	2 2	AF400R-30-11-68	
				48...130	48...130	2 2	AF400R-30-11-69	
				100...250	100...250	2 2	AF400R-30-11-70	
				250...500	250...500	2 2	AF400R-30-11-71	
250	700	400	650	-	24...60 (1)	2 2	AF460R-30-11-68	
				48...130	48...130	2 2	AF460R-30-11-69	
				100...250	100...250	2 2	AF460R-30-11-70	
				250...500	250...500	2 2	AF460R-30-11-71	
315	800	500	750	-	24...60 (1)	2 2	AF580R-30-11-68	
				48...130	48...130	2 2	AF580R-30-11-69	
				100...250	100...250	2 2	AF580R-30-11-70	
				250...500	250...500	2 2	AF580R-30-11-71	
400	1050	600	900	-	24...60 (1)	2 2	AF750R-30-11-68	
				48...130	48...130	2 2	AF750R-30-11-69	
				100...250	100...250	2 2	AF750R-30-11-70	
				250...500	250...500	2 2	AF750R-30-11-71	

- (1) The connection polarities indicated close to the coil terminals must be respected: A1 for the positive pole and A2 for the negative pole.
 (2) Available in the US and Canada only.
 (3) Available upon request.

Control inputs



Mounting dimensions mm, inches (upon request)